

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/561,217A
Source: 1FW9
Date Processed by STIC: 11/15/06

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 11/15/2006

PATENT APPLICATION: US/10/561,217A

TIME: 10:48:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

4 <110> APPLICANT: KISSEI PHARMACEUTICAL CO., LTD.
 5 KIKUCHI, Norihiko
 6 FUJIKURA, Hideki
 7 TAZAWA, Shigeki
 8 YAMATO, Tokuhisa
 9 ISAJI, Masayuki
 11 <120> TITLE OF INVENTION: PYRAZOLE DERIVATIVE, DRUG COMPOSITION CONTAINING THE SAME
 AND PRODUCTION
 12 INTERMEDIATE THEREOF
 14 <130> FILE REFERENCE: Q92014
 16 <140> CURRENT APPLICATION NUMBER: US 10/561,217A
 17 <141> CURRENT FILING DATE: 2005-12-19
 19 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/008695
 20 <151> PRIOR FILING DATE: 2004-06-15
 22 <150> PRIOR APPLICATION NUMBER: JP 2003-175663
 23 <151> PRIOR FILING DATE: 2003-06-20
 25 <160> NUMBER OF SEQ ID NOS: 5
 27 <170> SOFTWARE: PatentIn version 3.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 3148
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Homo sapiens
 34 <400> SEQUENCE: 1
 35 aacagatgag caaggagctg gcagcaatgg ggccctggagc ttcaggggac ggggtcagga 60
 36 ctgagacagc tccacacata gcaactggact ccagagttgg tctgcacgcc tacgacatca 120
 37 gcgtggtggt catctacttt gtcttcgtca ttgctgtggg gatctggtcg tccatccgtg 180
 38 caagtcgagg gaccattggc ggctatttcc tggccgggag gtccatgagc tgggtggcaa 240
 39 ttggagcatc tctgatgtcc agcaatgtgg gcagtggctt gttcatcggc ctggctggga 300
 40 caggggctgc cggaggcctt gccgtagggt gcttcgagtg gaacgcaacc tggctgctcc 360
 41 tggcccttgg ctgggtcttc gtccctgtgt acatcgagc aggtgtggtc acaatgccgc 420
 42 agtatctgaa gaagcgattt gggggccaga ggatccaggt gtacatgtct gtctgtctc 480
 43 tcatcctcta catcttcacc aagatctcga ctgacatctt ctctggagcc ctcttcaccc 540
 44 agatggcatt gggctggaac ctgtacctct ccacagggat cctgctgggt gtgactgccg 600
 45 tctacaccat tgcagggtggc ctcatggccg tgatctacac agatgctctg cagacgggtga 660
 46 tcatggtagg gggagccctg gtccctcatgt ttctgggctt tcaggacgtg ggctgggtacc 720
 47 caggcctgga gcagcgggtac aggcaggcca tccctaattg cacagtcccc aacaccacct 780
 48 gtcacctccc acggcccgat gctttccaca tgcttcggga ccctgtgagc ggggacatcc 840
 49 ctgggccagg tctcattttc gggctcacag tgctggccac ctgggtgttg tgcacagacc 900
 50 aggtcattgt gcagcgggtc ctctcgccca agagtctgtc tcatgccaa ggaggctccg 960
 51 tgctgggggg ctacctgaag atcctcccca tgttcttcat cgtcatgcct ggcattgatca 1020
 52 gccggggcct gttcccagac gaggtgggct gcgtggacct tgatgtctgc caaagaatct 1080
 53 gtggggcccg agtgggatgt tccaacattg cctaccctaa gttgggtcatg gccctcatgc 1140
 54 ctgttggtct gcgggggctg atgattgccg tgatcatggc cgctctcatg agctcactca 1200
 55 cctccatctt caacagcagc agcacctgt tcaccattga tgtgtggcag cgcttccgca 1260

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/561,217A

DATE: 11/15/2006

TIME: 10:48:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

```

56 gaaagtcaac agagcaggag ctgatggtg tgggcagagt gtttgtggtg ttcctgggtg 1320
57 tcatcagcat cctctggatc cccatcatcc aaagctccaa cagtgggcag ctcttcgact 1380
58 acatccaggc tgtcaccagt tacctggccc caccatcac cgctctcttc ctgctggcca 1440
59 tcttctgcaa gagggtcaca gagcccgag ctttctgggg cctcgtgttt ggccctgggag 1500
60 tggggcttct gcgtatgatc ctggagttct cataccagc gccagcctgt ggggaggtgg 1560
61 accggaggcc agcagtgtg aaggacttcc actacctgta ctttgcaatc ctctctgctg 1620
62 ggctcactgc catcgtcatt gtcattgtca gcctctgtac aactcccatc cctgaggaac 1680
63 agctcacacg cctcacatgg tggactcgga actgccccct ctctgagctg gagaaggagg 1740
64 cccacgagag cacaccggag atatccgaga ggccagccgg ggagtgccct gcaggaggtg 1800
65 gagcggcaga gaactcgagc ctggggccagg agcagcctga agccccaagc aggtcctggg 1860
66 gaaagtgtgt ctggagctgg ttctgtgggc tctctggaac accggagcag gccctgagcc 1920
67 cagcagagaa ggctgcgcta gaacagaagc tgacaagcat tgaggaggag ccactctgga 1980
68 gacatgtctg caacatcaat gctgtccttt tgctggccat caacatcttc ctctggggct 2040
69 attttgctg attccacaga cctggcttca gtgtagacag attaaacaaa gcccaagcct 2100
70 gtcagccaca gaaacaggct ctctctttac tttgtgtct aaactggaga tcacagaagt 2160
71 caagactgca agctcccctg aagagaatcc aactcaacct gcacactga caagtggaga 2220
72 aacagaagct cagagagagc actgggtttg ttcaggacca cccagaagggt gtcacacggg 2280
73 gtttccccac tcttctgat atattgcctt acagacctac ctcaaacaca ctgtttccac 2340
74 cctcttcttg aatgtattca gtagecttta ctgaatgtgt gtcttgagag tagaaaaatg 2400
75 gaggatacaa gaaaaggagc aggaagaaat ttgcaaaaat ccaagagcac ctttgctccc 2460
76 ccttatectc ctctctcttc ccttttctag tccccctacc tctctatctt tctattctca 2520
77 ccaataatct cttgtgtgca tgaatttacc caggagagtc ctatatttcc attggtggct 2580
78 ccacagtggg ggctgtcaga cccgaagggg tggggagcca aggggtggact ttaagcatgg 2640
79 tgacagatgg tattttgggc agaaagctct tagacaatgg actatccaaa gcactattta 2700
80 aattctgcct ctctctactc tctaacccaa atatgcacaa actctctatg gccttgagaa 2760
81 gcagttggag agacatgact tgtaaaaacc tcaaggaatc aagacatgtt actctgtatt 2820
82 taagggtaag cccacacagc ggcagcacia acagcctggg agccactgtg cctgtgcttc 2880
83 tctgtccttc tccctttgct tgccatgaat ccgcatacct tggaatacac tgtgaccca 2940
84 gttaagtgtc ccttcgccag gaagctgccg caacgtccag acctgggtca agttccact 3000
85 cctgtcccca tagccttgac ctgcttctgt cacagcactg atcacactga gatggaagac 3060
86 tccagggggc aaggaccaag ggccatatcc caagtgactt tgtaccaga aaataacagc 3120
87 tgttcaataa atgtgtattg agttaatt 3148

```

90 <210> SEQ ID NO: 2

91 <211> LENGTH: 681

92 <212> TYPE: PRT

93 <213> ORGANISM: Homo sapiens

95 <400> SEQUENCE: 2

```

96 Met Ser Lys Glu Leu Ala Ala Met Gly Pro Gly Ala Ser Gly Asp Gly
97   1             5             10             15
99 Val Arg Thr Glu Thr Ala Pro His Ile Ala Leu Asp Ser Arg Val Gly
100             20             25             30
102 Leu His Ala Tyr Asp Ile Ser Val Val Val Ile Tyr Phe Val Phe Val
103             35             40             45
105 Ile Ala Val Gly Ile Trp Ser Ser Ile Arg Ala Ser Arg Gly Thr Ile
106             50             55             60
108 Gly Gly Tyr Phe Leu Ala Gly Arg Ser Met Ser Trp Trp Pro Ile Gly
109   65             70             75             80
111 Ala Ser Leu Met Ser Ser Asn Val Gly Ser Gly Leu Phe Ile Gly Leu
112             85             90             95

```

RAW SEQUENCE LISTING

DATE: 11/15/2006

PATENT APPLICATION: US/10/561,217A

TIME: 10:48:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

```

114 Ala Gly Thr Gly Ala Ala Gly Gly Leu Ala Val Gly Gly Phe Glu Trp
115           100           105           110
117 Asn Ala Thr Trp Leu Leu Leu Ala Leu Gly Trp Val Phe Val Pro Val
118           115           120           125
120 Tyr Ile Ala Ala Gly Val Val Thr Met Pro Gln Tyr Leu Lys Lys Arg
121           130           135           140
123 Phe Gly Gly Gln Arg Ile Gln Val Tyr Met Ser Val Leu Ser Leu Ile
124 145           150           155           160
126 Leu Tyr Ile Phe Thr Lys Ile Ser Thr Asp Ile Phe Ser Gly Ala Leu
127           165           170           175
129 Phe Ile Gln Met Ala Leu Gly Trp Asn Leu Tyr Leu Ser Thr Gly Ile
130           180           185           190
132 Leu Leu Val Val Thr Ala Val Tyr Thr Ile Ala Gly Gly Leu Met Ala
133           195           200           205
135 Val Ile Tyr Thr Asp Ala Leu Gln Thr Val Ile Met Val Gly Gly Ala
136           210           215           220
138 Leu Val Leu Met Phe Leu Gly Phe Gln Asp Val Gly Trp Tyr Pro Gly
139 225           230           235           240
141 Leu Glu Gln Arg Tyr Arg Gln Ala Ile Pro Asn Val Thr Val Pro Asn
142           245           250           255
144 Thr Thr Cys His Leu Pro Arg Pro Asp Ala Phe His Met Leu Arg Asp
145           260           265           270
147 Pro Val Ser Gly Asp Ile Pro Trp Pro Gly Leu Ile Phe Gly Leu Thr
148           275           280           285
150 Val Leu Ala Thr Trp Cys Trp Cys Thr Asp Gln Val Ile Val Gln Arg
151           290           295           300
153 Ser Leu Ser Ala Lys Ser Leu Ser His Ala Lys Gly Gly Ser Val Leu
154 305           310           315           320
156 Gly Gly Tyr Leu Lys Ile Leu Pro Met Phe Phe Ile Val Met Pro Gly
157           325           330           335
159 Met Ile Ser Arg Ala Leu Phe Pro Asp Glu Val Gly Cys Val Asp Pro
160           340           345           350
162 Asp Val Cys Gln Arg Ile Cys Gly Ala Arg Val Gly Cys Ser Asn Ile
163           355           360           365
165 Ala Tyr Pro Lys Leu Val Met Ala Leu Met Pro Val Gly Leu Arg Gly
166           370           375           380
168 Leu Met Ile Ala Val Ile Met Ala Ala Leu Met Ser Ser Leu Thr Ser
169 385           390           395           400
171 Ile Phe Asn Ser Ser Ser Thr Leu Phe Thr Ile Asp Val Trp Gln Arg
172           405           410           415
174 Phe Arg Arg Lys Ser Thr Glu Gln Glu Leu Met Val Val Gly Arg Val
175           420           425           430
177 Phe Val Val Phe Leu Val Val Ile Ser Ile Leu Trp Ile Pro Ile Ile
178           435           440           445
180 Gln Ser Ser Asn Ser Gly Gln Leu Phe Asp Tyr Ile Gln Ala Val Thr
181           450           455           460
183 Ser Tyr Leu Ala Pro Pro Ile Thr Ala Leu Phe Leu Leu Ala Ile Phe
184 465           470           475           480
186 Cys Lys Arg Val Thr Glu Pro Gly Ala Phe Trp Gly Leu Val Phe Gly

```

RAW SEQUENCE LISTING

DATE: 11/15/2006

PATENT APPLICATION: US/10/561,217A

TIME: 10:48:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

```

187          485          490          495
189 Leu Gly Val Gly Leu Leu Arg Met Ile Leu Glu Phe Ser Tyr Pro Ala
190          500          505          510
192 Pro Ala Cys Gly Glu Val Asp Arg Arg Pro Ala Val Leu Lys Asp Phe
193          515          520          525
195 His Tyr Leu Tyr Phe Ala Ile Leu Leu Cys Gly Leu Thr Ala Ile Val
196          530          535          540
198 Ile Val Ile Val Ser Leu Cys Thr Thr Pro Ile Pro Glu Glu Gln Leu
199 545          550          555          560
201 Thr Arg Leu Thr Trp Trp Thr Arg Asn Cys Pro Leu Ser Glu Leu Glu
202          565          570          575
204 Lys Glu Ala His Glu Ser Thr Pro Glu Ile Ser Glu Arg Pro Ala Gly
205          580          585          590
207 Glu Cys Pro Ala Gly Gly Gly Ala Ala Glu Asn Ser Ser Leu Gly Gln
208          595          600          605
210 Glu Gln Pro Glu Ala Pro Ser Arg Ser Trp Gly Lys Leu Leu Trp Ser
211          610          615          620
213 Trp Phe Cys Gly Leu Ser Gly Thr Pro Glu Gln Ala Leu Ser Pro Ala
214 625          630          635          640
216 Glu Lys Ala Ala Leu Glu Gln Lys Leu Thr Ser Ile Glu Glu Glu Pro
217          645          650          655
219 Leu Trp Arg His Val Cys Asn Ile Asn Ala Val Leu Leu Leu Ala Ile
220          660          665          670
222 Asn Ile Phe Leu Trp Gly Tyr Phe Ala
223          675          680
226 <210> SEQ ID NO: 3
227 <211> LENGTH: 20
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: chemically-synthesized
oligonucleotide
233          primer
235 <400> SEQUENCE: 3
236 tgtcacagtc cccaacacca
239 <210> SEQ ID NO: 4
240 <211> LENGTH: 19
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: chemically-synthesized
oligonucleotide
246          primer
248 <400> SEQUENCE: 4
249 ccgaagcatg tggaagca
252 <210> SEQ ID NO: 5
253 <211> LENGTH: 19
254 <212> TYPE: DNA
255 <213> ORGANISM: Artificial Sequence
257 <220> FEATURE:
258 <223> OTHER INFORMATION: Description of Artificial Sequence: chemically-synthesized
oligonucleotide

```

20

19

RAW SEQUENCE LISTING

DATE: 11/15/2006

PATENT APPLICATION: US/10/561,217A

TIME: 10:48:57

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

259 probe

261 <400> SEQUENCE: 5

262 tgtcacctcc cacggcccg

19

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/561,217A

DATE: 11/15/2006
TIME: 10:48:58

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:3; Line(s) 232

Seq#:4; Line(s) 245

Seq#:5; Line(s) 258

VERIFICATION SUMMARY

DATE: 11/15/2006

PATENT APPLICATION: US/10/561,217A

TIME: 10:48:58

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\11152006\J561217A.raw